

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application:

Claim 1 (Currently Amended): Goniochromatic luster pigments, comprising:
at least one dielectric low-refractive interference-colored layer which comprises
a polar organic solvent which can interact with the layer material via hydroxyl
or amide groups;
said layer having a geometric layer thickness in the range from 80 to 800 nm.

Claim 2 (Previously Presented): Goniochromatic luster pigments as claimed in claim 1, comprising:
at least one dielectric low-refractive interference-colored layer which has been
subjected to a thermal treatment in said polar organic solvent.

Claim 3 (Previously Presented): Goniochromatic luster pigments as claimed in claim 1, wherein the organic solvent is ethylene glycol.

Claim 4 (Previously Presented): Goniochromatic luster pigments as claimed in claim 1, which have additionally been treated with a silane.

Claim 5 (Previously Presented): Goniochromatic luster pigments as claimed in claim 4, which have been treated with a silane of the general formula I



wherein

- R represents C₁-C₁₈-alkyl radicals which may be singly or multiply unsaturated and/or substituted by C₁-C₆-alkanoloxo, halogen, amino and/or saturated or unsaturated C₁-C₆-alkoxy which may contain an epoxy group, and each R is the same or different for a > 1;
- X is C₁-C₄-alkoxy and each X may be the same or different for b > 1;
- a is 1, 2 or 3;
- b is 1, 2 or 3, with the proviso that the sum a + b = 4.

Claim 6 (Previously Presented): Goniochromatic luster pigments as claimed in claim 4, which have additionally been treated with a silane of the general formula Ia



where:

- R' is vinyl or propyl which may be substituted in the terminal position by saturated or unsaturated C₂-C₄-alkoxy which may contain an epoxy group; and
- X' is methoxy or ethoxy.

Claim 7 (Currently Amended): A process for preparing goniochromatic luster pigments as claimed in claim 1, which comprises heating the pigment particles in the polar organic solvent to a temperature $\geq 100^\circ\text{C}$.

Claim 8 (Currently Amended): The process for preparing goniochromatic luster pigments as claimed in claim 4, which comprises adding the silane before, during and/or after the heating in a polar organic solvent.

Claim 9 (Previously Presented): Coloring coatings, inks, printing inks, plastics, glasses, ceramic products or decorative cosmetic preparations, comprising: the goniochromatic luster pigments as claimed in claim 1.

Claim 10 (Previously Presented): Coloring baking finishes or powder coatings, comprising: the goniochromatic luster pigments as claimed in claim 1.

BASIS FOR THE AMENDMENT

The claims have been amended as supported by paragraphs [0019], [0052], and [0081] (paragraph numbers based on published application U.S. 2005/0223940 A1):

No new matter is believed to have been added by entry of this amendment. Entry and favorable reconsideration are respectfully requested.

Upon entry of this amendment Claims 1-10 will now be active in this application.